

24 1407 08 SEQ list P697PC00\_ST25.txt  
SEQUENCE LISTING

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Q05910]: FGFR binding motif  
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<223> Neuronal nicotinic acetylcholine receptor alpha 3 subunit (CHRNA3) [Swiss-Prot: Q8VHH6/P04757/Q8R4G9/P32297]: FGFR binding motif

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1 5 10 15

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Glu Ile Trp Val Glu Ala Thr Asn Arg Leu Gly  
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&lt;210&gt; 14

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Interleukin-23 receptor (IL-23R) [Q8NFQ9]: FGFR binding motif

&lt;400&gt; 14

Val Trp Val Gln Ala Ala Asn Ala Leu Gly  
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&lt;210&gt; 15

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Complement factor 1 q , alpha polypeptide (C1QA) [Swiss-Prot: Q9DCM6]: FGFR binding motif

&lt;400&gt; 15

Glu Val Trp Ile Glu Lys Asp Pro Ala Lys Gly Arg Ile  
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&lt;210&gt; 16

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Fasciclin II precursor (FAS2) [Swiss-Prot: P22648]: FGFR binding motif

&lt;400&gt; 16

Ala Thr Asn Lys Gly Gly Glu Val Lys Lys Asn Gly His Leu  
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&lt;210&gt; 17

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; ADAM-19 precursor (EC 3.4.24.-) [Swiss-Prot: Q9H013/035674]: FGFR binding motif

&lt;400&gt; 17

Lys Tyr Val Glu Leu Tyr Leu Val Ala Asp Tyr Leu Glu Phe Gln Lys  
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&lt;210&gt; 18

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 Arg Tyr Val Glu Leu Tyr Val Val Val Asp Asn Ala Glu Phe Gln  
 1 5 10 15  
  
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 1 5 10 15  
  
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 <223> Metalloproteinase-disintegrin domain containing protein TECADAM [AF163291] : FGFR binding motif  
  
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 Lys Tyr Ile Glu Tyr Tyr Val Val Leu Asp Asn Gly Glu Phe Lys Lys  
 1 5 10 15  
  
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 <223> ADAM-33 precursor (EC 3.4.24.-)[Swiss-Prot: Q9BZ11/Q923W9]: FGFR binding motif  
  
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 Arg Tyr Leu Glu Leu Tyr Ile Val Ala Asp His Thr Leu Phe  
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 <223> ADAM-1A Fertilin alpha [Swiss-Prot: Q8R533]: FGFR binding motif

&lt;400&gt; 22

Lys Tyr Val Glu Met Phe Val Val Val Asn His Gln Arg Phe Gln  
 1 5 10 15

&lt;210&gt; 23

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; ADAM-9 [Swiss-Prot: Q13433; Q61072]: FGFR binding motif

&lt;400&gt; 23

Arg Tyr Val Glu Leu Phe Ile Val Val Asp Lys Glu Arg Tyr  
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&lt;210&gt; 24

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&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; ADAM-7 precursor [Swiss-Prot: Q9H2U9]: FGFR binding motif

&lt;400&gt; 24

Lys Tyr Val Glu Leu Phe Ile Val Ala Asp Asp Thr Val Tyr Arg Arg  
 1 5 10 15

&lt;210&gt; 25

&lt;211&gt; 16

&lt;212&gt; PRT

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&lt;223&gt; ADAM-7 precursor [Swiss-Prot: O35227; Q63180]: FGFR binding motif

&lt;400&gt; 25

Lys Phe Ile Glu Leu Phe Val Val Ala Asp Glu Tyr Val Tyr Arg Arg  
 1 5 10 15

&lt;210&gt; 26

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&lt;212&gt; PRT

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&lt;223&gt; ADAM-15 precursor [Swiss-Prot: Q9QYV0; O88839]: FGFR binding motif

&lt;400&gt; 26

Lys Ile Val Glu Lys Val Ile Val Ala Asp Asn Ser Glu Val Arg Lys  
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&lt;210&gt; 27

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val Glu Leu val Ile val Ala Asp His Ser Glu Ala Gln Lys
1          5          10

<210> 28
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Q62845]: FGFR binding motif

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val Ala Glu Asn Ser Arg Gly Lys Asn Ile Ala Lys Gly
1          5          10

<210> 29
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motif

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Ile Ala Glu Asn Ser Arg Gly Lys Asn Val Ala Arg Gly
1          5          10

<210> 30
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<223> NB-2(HNB-2/NB-2), a neural cell recognition molecule of the
contactin/F3 subgroup [Swiss-Prot: Q94779/P97527]: FGFR binding
motif

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Ala Glu Asn Ser Arg Gly Lys Asn Ser Phe Arg Gly
1          5          10

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<223> HNB-3/NB-3 [Swiss-Prot: Q9UQ52/P97528/Q9JMB8]: FGFR binding motif

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&lt;400&gt; 31

Ile Ala Ser Asn Leu Arg Gly Arg Asn Leu Ala Lys Gly  
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&lt;210&gt; 32

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Putative fat-like cadherin precursor (Drosophila) [Swiss-Prot:  
 Q9VW71]: FGFR binding motif

&lt;400&gt; 32

Ile Pro Glu Asn Ser Leu Gly Lys Thr Tyr Ala Lys Gly  
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&lt;210&gt; 33

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Neuronal nicotinic acetylcholine receptor alpha 3 subunit  
 (CHRNA3) [Swiss-Prot: Q8VHH6/P04757/Q8R4G9/P32297]: FGFR binding  
 motif

&lt;400&gt; 33

Ile Ala Glu Asn Met Lys Ala Gln Asn Glu Ala Lys  
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&lt;210&gt; 34

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Neuronal acetylcholine receptor protein, alpha-6 chain precursor  
 (CHRNA6) [Swiss-prot:Q15825 ]: FGFR binding motif

&lt;400&gt; 34

Gln Phe Ile Ala Glu Asn Met Lys Ser His Asn Glu Thr Lys Glu Val  
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&lt;210&gt; 35

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> ROBO-1 [044924]: FGFR binding motif

&lt;400&gt; 35

Gly Glu Tyr Trp Cys Val Ala Lys Asn Arg Val Gly Gln  
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<210> 37  
 <211> 14  
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<220>  
 <223> ROBO-1[AF041082; Q9Y6N7]: FGFR binding motif

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Gly Lys Tyr Val Cys Val Gly Thr Asn Met Val Gly Glu Arg  
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<210> 38  
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 <223> FGFR2 [Q96KM2; P21802]: FGFR binding motif

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Gln Tyr Tyr Cys Val Ala Glu Asn Gly Tyr Gly  
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 <223> FGFR1-peptide

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 <223> Contactin precursor (Neural adhesion molecule F3/F11) [Q28106]: FGFR binding motif

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Gly Met Tyr Gln Cys Ala Glu Asn Thr His Gly  
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<223> Neurofascin 155 Da isoform [Q91Z60]: FGFR binding motif

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<223> Neurofascin 155 Da isoform [Q91Z60]: FGFR binding motif  
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Gly Asn Tyr Ser Cys Glu Ala Glu Asn Ala Trp Gly Thr Lys  
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<223> Neural cell adhesion molecule L1[Q9QYQ7; Q9QY38; P11627; Q05695; P32004]: FGFR binding motif  
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Gly Glu Tyr Thr Cys Leu Ala Glu Asn Ser Leu Gly  
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<223> Neural-glia cell adhesion molecule Ng-CAM [Q03696]: FGFR binding motif

<400> 54

Gly Glu Tyr Glu Cys Val Ala Glu Asn Gly Arg Leu Gly  
1 5 10

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<220>  
<223> FGFR3 [Q95M13; AF487554; Q99052]: FGFR binding motif

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<223> FGFR3 [Q95M13; Q99052]: FGFR binding motif

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Gly Glu Tyr Thr Cys Leu Ala Gly Asn Ser Ile Gly  
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<210> 57  
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<223> Neural cell adhesion molecule 2 (NCAM2) [P36335]: FGFR binding motif

<400> 57

Gly Glu Tyr Phe Cys Val Ala Ser Asn Pro Ile Gly  
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<210> 58  
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<220>  
<223> Neural cell adhesion molecule 2 (NCAM2)[P36335]: FGFR binding motif

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Glu Tyr Thr Cys Ile Ala Asn Asn Gln Ala Gly Glu

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<210> 59  
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<223> Axonin-1 (TAG-1) [Q02246;P22063; P28685]: FGFR binding motif  
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<223> Neural cell adhesion molecule NCAM-140 AND ncam-140 [P13595]:  
FGFR binding motif  
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<223> Neural cell adhesion molecule NCAM-140 AND ncam-140 [P13595]:  
FGFR binding motif  
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Glu Tyr Val Cys Ile Ala Glu Asn Lys Ala Gly Glu Gln  
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<223> Neurotrophin receptor tyrosin kinase type 2 (NTRKT) [Q8WXC5]:FGFR  
binding motif  
<400> 62

Gly Asp Tyr Thr Leu Ile Ala Lys Asn Glu Tyr Gly Lys  
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<210> 63  
<211> 12  
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<220>  
 <223> Colorectal cancer suppressor DCC [P43146]: FGFR binding motif  
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 1 5 10

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<220>  
 <223> Tyrosine phosphatase LAR (ptprf) [Q9EQ17; Q64604; P23468]: FGFR binding motif  
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 Gly Lys Tyr Glu Cys Val Ala Thr Asn Ser Ala Gly Thr Arg  
 1 5 10

<210> 65  
 <211> 12  
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 <223> Platelet-derived growth factor receptor beta (PDGFRB) [Q8R406; Q05030]: FGFR binding motif  
 <400> 65  
 Gly Glu Tyr Phe Cys Val Tyr Asn Asn Ser Leu Gly  
 1 5 10

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 <212> PRT  
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<220>  
 <223> Intercellular adhesion molecule-5 (ICAM-5, telencephalin) [Q8TAM9; Q60625]: FGFR binding motif  
 <400> 66  
 Gly Glu Tyr Glu Cys Ala Ala Thr Asn Ala His Gly Arg  
 1 5 10

<210> 67  
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<220>  
 <223> B-cell receptor CD22 precursor (Leu-14; B-lymphocyte cell adhesion molecule) [P20273]: FGFR binding motif  
 <400> 67

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 Gly Ala Tyr Trp Cys Gln Gly Thr Asn Ser Val Gly Lys  
 1 5 10

<210> 68  
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 <223> B-cell receptor CD22 precursor (Leu-14; B-lymphocyte cell adhesion molecule) [P20273]: FGFR binding motif

<400> 68  
 Gly Thr Tyr Ser Cys Val Ala Glu Asn Ile Leu Gly  
 1 5 10

<210> 69  
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 <223> NCAM-2 [Swiss-Prot: O15394; O35136]: FGFR binding motif

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 Arg Val Ala Ala Val Asn Gly Lys Gly Gln Gly Asp Tyr Ser  
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 <223> HCF-2 (Host cell factor 2) [Swiss-Prot: Q9Y5Z7]: FGFR binding motif: FGFR binding motif

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 Arg Val Ala Ala Ile Asn Gly Cys Gly Ile Gly Pro Phe Ser  
 1 5 10

<210> 71  
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 <223> ICLN (chloride channel regulator, inducer) [Swiss-Prot: P97506; Q9NRD2; Q61189; P54105]: FGFR binding motif

<400> 71  
 Ala Val Leu Asn Gly Lys Gly Leu Gly  
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<210> 72  
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<223> Galectin-12 [Swiss-Prot: Q91VD1; Q9JKX2; Q9NZ03]: FGFR binding motif

<400> 72

Ala Leu Asn Gly Gln Gly Leu Gly Ala Thr Ser  
1 5 10

<210> 73

<211> 12

<212> PRT

<213> Artificial sequence

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<223> Human receptor-like protein tyrosine phosphatase leukocyte common antigen-related molecule (PTPRF) [Swiss-Prot: P10586]: FGFR binding motif

<400> 73

Arg Leu Ala Ala Lys Asn Arg Ala Gly Leu Gly Glu  
1 5 10

<210> 74

<211> 13

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<223> Natural resistance-associated macrophage protein 1(NRAMP-1, SLC11A1) [Swiss-Prot: O77741]: FGFR binding motif

<400> 74

Arg Leu Gly Val Val Thr Gly Lys Asp Leu Gly Glu Ile  
1 5 10

<210> 75

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<223> NCAM2 (180 kDa isoform precursor ) [Swiss-Prot: P36335]: FGFR binding motif

<400> 75

Thr Val Thr Gly Leu Lys Pro Glu Thr Ser Tyr Met Val Lys  
1 5 10

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<223> Nephrin [Swiss-Prot: Q925S5; Q9JIX2; Q9ET59; Q9R044; Q9QZS7]: FGFR binding motif

&lt;400&gt; 76

Thr Leu Thr Gly Leu Lys Pro Ser Thr Arg Tyr Arg Ile  
 1 5 10

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&lt;211&gt; 13

&lt;212&gt; PRT

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&lt;223&gt; Nephtrin [Swiss-Prot: O60500]: FGFR binding motif

&lt;400&gt; 77

Thr Leu Thr Gly Leu Gln Pro Ser Thr Arg Tyr Arg Val  
 1 5 10

&lt;210&gt; 78

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Tyrosine phosphatase LAR (PTPRF) [Swiss-Prot : Q9EQ17]: FGFR binding motif

&lt;400&gt; 78

Thr Leu Leu Gly Leu Lys Pro Asp Thr Thr Tyr Asp Ile Lys  
 1 5 10

&lt;210&gt; 79

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Leukocyte common antigen-related phosphatase ptp2 precursor (LAR-PTP2) [Swiss-Prot: Q64605]: FGFR binding motif

&lt;400&gt; 79

Thr Leu Gln Gly Leu Arg Pro Glu Thr Ala Tyr Glu Leu Arg  
 1 5 10

&lt;210&gt; 80

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Protein-tyrosine phosphatase, receptor-type, S precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase sigma) (RPTP-sigma) [Swiss-Prot: Q64699]: FGFR binding motif

&lt;400&gt; 80

Thr Leu Arg Gly Leu Arg Pro Glu Thr Ala Tyr Glu Leu Arg  
 1 5 10

<210> 81  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence  
  
 <220>  
 <223> Tyrosine-protein kinase receptor Tie-1 precursor (TIE1.) (EC 2.7.1.112) [Swiss-Prot: Q06805; P35590]: FGFR binding motif  
  
 <400> 81  
 Thr Leu Met Asn Leu Arg Pro Lys Thr Gly Tyr Ser Val Arg  
 1 5 10  
  
 <210> 82  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence  
  
 <220>  
 <223> Ephrin type-A receptor 8 precursor to (EPHA8..) (EC 2.7.1.112)(Tyrosine-protein kinase receptor EEK) (EPH-and ELK-related kinase) ]: [Swiss-Prot: 009127; 009127; P29322];FGFR binding motif  
  
 <400> 82  
 Thr Val Ser Gly Leu Lys Pro Gly Thr Arg Tyr  
 1 5 10  
  
 <210> 83  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence  
  
 <220>  
 <223> Ephrin type-A receptor 3 precursor (EC 2.7.1.112) (Tyrosine-protein kinase receptor ETK1) (CEK4) (EPHA3..) [tn: P29318]: FGFR binding motif  
  
 <400> 83  
 Thr Ile Ser Gly Leu Lys Pro Asp Thr Thr Tyr  
 1 5 10  
  
 <210> 84  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence  
  
 <220>  
 <223> Protein-tyrosine phosphatase receptor-type S precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase sigma, PTPRS) [Swiss-Prot: Q13332]: FGFR binding motif  
  
 <400> 84  
 Thr Leu Gln Gly Leu Lys Pro Asp Thr Ala Tyr  
 1 5 10  
  
 <210> 85

<211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Insulin receptor [Swiss-Prot: Q9PWN6]: FGFR binding motif  
 <400> 85

Leu Arg Gly Leu Lys Pro Trp Thr Gln Tyr Ala Val  
 1 5 10

<210> 86  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Type VII collagen [Swiss-Prot: Q63870]: FGFR binding motif  
 <400> 86

Ile Asp Gly Leu Glu Pro Asp Thr Glu Tyr Ile Val Arg  
 1 5 10

<210> 87  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Insulin-like growth factor-1 receptor precursor [Swiss-Prot: O73798]: FGFR binding motif

<400> 87  
 Leu Gln Gly Leu Lys Pro Trp Thr Gln Tyr Ala Ile  
 1 5 10

<210> 88  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Fibronectin [Swiss-Prot: Q95KV4; Q95KV5; P07589; Q28377; U42594; O95609]: FGFR binding motif

<400> 88  
 Thr Ile Thr Gly Leu Glu Pro Gly Thr Glu Tyr Thr Ile Gln  
 1 5 10

<210> 89  
 <211> 10  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Insulin-like growth factor I receptor (IGF I receptor beta-subunit, IGF I receptor alpha-subunit) [Swiss-Prot: Q9QVW4; P08069; P24062; Q60751; P15127; P15208]: FGFR binding motif

&lt;400&gt; 89

Gly Leu Lys Pro Trp Thr Gln Tyr Ala Val  
 1 5 10

&lt;210&gt; 90

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Insulin receptor-related protein precursor (EC 2.7.1.112) (IRR)  
 (IR-related receptor) [Swiss-Prot: P14616]: FGFR binding motif

&lt;400&gt; 90

Thr Leu Ala Ser Leu Lys Pro Trp Thr Gln Tyr Ala Val  
 1 5 10

&lt;210&gt; 91

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Tenascin-R (restrictin) [Swiss-Prot: Q15568; O00531]: FGFR  
 binding motif

&lt;400&gt; 91

Leu Met Gly Leu Gln Pro Ala Thr Glu Tyr Ile Val  
 1 5 10

&lt;210&gt; 92

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Neogenin precursor (NEO1..) [Swiss-Prot: Q92859; P97603; Q90610;  
 P97798]: FGFR binding motif

&lt;400&gt; 92

Lys Gly Met Gly Pro Met Ser Glu Ala Val Gln Phe Arg Thr  
 1 5 10

&lt;210&gt; 93

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

<223> Protein tyrosine phosphatase receptor type D (PTPRD, BA175E13.1)  
 [Swiss-Prot: Q8WX65; Q9IAJ1; P23468; Q64487]: FGFR binding motif

&lt;400&gt; 93

Thr Leu Thr Gly Leu Lys Pro Asp Thr Thr Tyr Asp Val Lys  
 1 5 10

<210> 94  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Protein tyrosine phosphatase receptor type D (PTPRD, BA175E13.1)  
 [Swiss-Prot: Q8WX65; Q9IAJ1; P23468; Q64487]: FGFR binding motif

<400> 94

Ile Ser Gly Leu Gln Pro Glu Thr Ser Tyr Ser Leu  
 1 5 10

<210> 95  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Protein-tyrosine phosphatase receptor-type F precursor (EC  
 3.1.3.48) (LAR protein) (Leukocyte antigen related) [Swiss-Prot:  
 Q64604; Q9QW67; P10586]: FGFR binding motif

<400> 95

Thr Leu Leu Gly Leu Lys Pro Asp Thr Thr Tyr Asp Ile Lys  
 1 5 10

<210> 96  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Protein-tyrosine phosphatase receptor-type F precursor (EC  
 3.1.3.48) (Leukocyte antigen related) [Swiss-Prot: Q64604;  
 Q9QW67; P10586]: FGFR binding motif

<400> 96

Thr Ile Ser Gly Leu Thr Pro Glu Thr Thr Tyr Ser Ile  
 1 5 10

<210> 97  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> CD22 [Q9R094]: FGFR binding motif

<400> 97

Gly Asn Tyr Ser Cys Leu Ala Glu Asn Arg Leu Gly Arg  
 1 5 10

<210> 98  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> FGFR-4 [Q91742]: FGFR binding motif  
 <400> 98  
 Gly Asn Tyr Thr Cys Val Val Glu Asn Arg Val Gly  
 1 5 10

<210> 99  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> ICAM-5 [Q8TAM9]: FGFR binding motif  
 <400> 99  
 Gly Thr Tyr His Cys Val Ala Thr Asn Ala His Gly  
 1 5 10

<210> 100  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> FIII,4 domain of L1: FGFR binding motif [Swiss-Prot: Q9QY38]  
 <400> 100  
 Leu Ser His Asn Gly Val Leu Thr Gly Tyr Leu Leu Ser Tyr  
 1 5 10

<210> 101  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neuron-glia cell adhesion molecule (Ng-Cam) precursor .[Gallus gallus]; [Swiss-Prot: Q90933]: FGFR binding motif  
 <400> 101  
 Asn Gly Val Leu Thr Gly Tyr Val Leu Arg Tyr  
 1 5 10

<210> 102  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neurofascin precursor .[Gallus gallus]; [Swiss-Prot: O42414]: FGFR binding motif  
 <400> 102  
 Asn Gly Val Leu Thr Gly Tyr Asn Leu Arg Tyr  
 1 5 10

<210> 103  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> (CALL) Neural cell adhesion molecule, [Homo sapiens] .[  
 Swiss-Prot: 000533]: FGFR binding motif

<400> 103

Asn Gly Asn Leu Thr Gly Tyr Leu Leu Gln Tyr  
 1 5 10

<210> 104  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> f Neuroglial, [Manduca sexta] .[ Swiss-Prot: P91767]: FGFR  
 binding motif

<400> 104

Val Asp Glu Asn Gly Val Leu Thr Gly Tyr Lys Ile Tyr Tyr  
 1 5 10

<210> 105  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Protein-tyrosine phosphatase sigma [Swiss-Prot: 075870]; and  
 [Swiss-Prot: Q13332] [Homo sapiens] :FGFR binding motif

<400> 105

Thr His Asn Gly Ala Leu Val Gly Tyr Ser Val Arg Tyr  
 1 5 10

<210> 106  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> NR-CaM 12 [Rattus sp] , [Swiss-Prot: Q9QVN3]: FGFR binding motif

<400> 106

Asn Gly Ile Leu Thr Glu Tyr Ile Leu Lys Tyr  
 1 5 10

<210> 107  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence



<220>  
 <223> Neurofascin 155 kDa isoform.[Rattus norvegicus],[ Swiss-Prot: Q91Z60]: FGFR binding motif

<400> 107

Asn Gly Ile Leu Ile Gly Tyr Thr Leu Arg Tyr  
 1 5 10

<210> 108

<211> 13

<212> PRT

<213> Artificial sequence

<220>  
 <223> Neogenin (Fragment).[Gallus gallus], [Swiss-Prot: Q90610]: FGFR binding motif

<400> 108

Thr His Ser Gly Gln Ile Thr Gly Tyr Lys Ile Arg Tyr  
 1 5 10

<210> 109

<211> 11

<212> PRT

<213> Artificial sequence

<220>  
 <223> Neogenin (Fragment).[Gallus gallus], [Swiss-Prot: Q90610]:FGFR binding motif

<400> 109

Asn Gly Lys Ile Thr Gly Tyr Ile Ile Tyr Tyr  
 1 5 10

<210> 110

<211> 10

<212> PRT

<213> Artificial sequence

<220>  
 <223> Metalloprotease 1 (pitrilysin family).[Homo sapiens] [ Swiss-Prot: Q9BSI6]:FGFR binding motif

<400> 110

Leu Ser His Asn Gly Ile Phe Thr Leu Tyr  
 1 5 10

<210> 111

<211> 11

<212> PRT

<213> Artificial sequence

<220>  
 <223> HBRAV0/Nr-CaM.[Homo sapiens].[Swiss-Prot: Q92823; O15179]: FGFR binding motif

<400> 111

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 Asn Gly Ile Leu Thr Glu Tyr Thr Leu Lys Tyr  
 1 5 10

<210> 112  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Protein-tyrosine phosphatase kappa precursor (EC 3.1.3.48)  
 (R-PTP-kappa).[Homo sapiens].[Swiss-Prot: Q15262]: FGFR binding  
 motif

<400> 112  
 Leu Asp Pro Asn Gly Ile Ile Thr Gln Tyr Glu Ile Ser Tyr  
 1 5 10

<210> 113  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neogenin precursor (NEO1..).[Homo sapiens and Mus  
 musculus].[Swiss-Prot: Q92859; P97798]: FGFR binding motif

<400> 113  
 Asn Gly Lys Ile Thr Gly Tyr Ile Ile Tyr Tyr  
 1 5 10

<210> 114  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neural cell adhesion L1( SPLICE ISOFORM 2 )[Homo sapiens  
 [Swiss-Prot: P32004 ]; [Mus musculus Swiss-Prot: Q9QY38]: FGFR  
 binding motif

<400> 114  
 His Leu Glu Val Gln Ala Phe Asn Gly Arg Gly Ser Gly Pro Ala  
 1 5 10 15

<210> 115  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> NB-2.[Rattus norvegicus] [Swiss-Prot: P97527]:FGFR binding motif

<400> 115  
 His Leu Thr Val Arg Ala Tyr Asn Gly Ala Gly Tyr Gly Pro  
 1 5 10

<210> 116

<211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neural cell adhesion protein BIG-2 precursor.[Rattus norvegicus][Swiss-Prot: Q62845]: FGFR binding motif

<400> 116

His Leu Ser Val Lys Ala Tyr Asn Ser Ala Gly Thr Gly Pro Ser  
 1 5 10 15

<210> 117  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Axonal-associated cell adhesion molecule.[Homo sapiens].  
 [Swiss-Prot: Q8TC35]:FGFR binding motif

<400> 117

His Leu Ala Val Lys Ala Tyr Asn Ser Ala Gly Thr Gly Pro Ser  
 1 5 10 15

<210> 118  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Contactin A/F3/F11.[Xenopus laevis] [Swiss-Prot: O93250]: FGFR binding motif

<400> 118

Asn Leu Glu Val Arg Ala Phe Asn Ser Ala Gly Asp Gly Pro  
 1 5 10

<210> 119  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neural cell adhesion molecule CALL.[Homo sapiens][Swiss-Prot: O00533]:FGFR binding motif

<400> 119

His Leu Thr Val Leu Ala Tyr Asn Ser Lys Gly Ala Gly Pro  
 1 5 10

<210> 120  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Neuron-glia cell adhesion molecule (Ng-CaM) precursor.[Gallus

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gallus][Swiss-Prot: Q909339]: FGFR binding motif

<400> 120

Leu Arg Val Leu Val Phe Asn Gly Arg Gly Asp Gly Pro  
1 5 10

<210> 121

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Contactin precursor (Neural cell recognition molecule  
F11).[Gallus gallus][Swiss-Prot: P14781]: FGFR binding motif

<400> 121

His Ile Asp Val Ser Ala Phe Asn Ser Ala Gly Tyr Gly Pro  
1 5 10

<210> 122

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> SLIT [Drosophila melanogaster][Swiss-Prot: Q9XYV4]: FGFR binding  
motif

<400> 122

His Leu Ala Val Glu Leu Phe Asn Gly Arg  
1 5 10

<210> 123

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Galectin-4.[Mus musculus][Swiss-Prot: Q8K419, P38552]: FGFR  
binding motif

<400> 123

Leu Glu Leu Gln Ser Ile Asn Phe Leu Gly Gly Gln Pro Ala  
1 5 10

<210> 124

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> HNB-2.[Homo sapiens]Swiss-Prot: O94779: FGFR binding motif

<400> 124

His Phe Thr Val Arg Ala Tyr Asn Gly Ala Gly Tyr Gly Pro  
1 5 10

<210> 125  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> The EFL peptide (from the FIII,3 domain of L1) [Swiss-Prot: P32004]: FGFR binding motif

<400> 125

His Leu Glu Val Gln Ala Phe Asn Gly Arg Gly Ser Gln Pro Ala  
 1 5 10 15

<210> 126  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Fragment of Neuroglian (Drosophila) [Swiss-prot: P202419]: FGFR binding motif

<400> 126

Val Ile Ala Asp Gln Pro Thr Phe Val Lys Tyr Leu Ile Lys  
 1 5 10

<210> 127  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Fragment of Fibronectin (bovine) [Swiss-prot: P07589]: FGFR binding motif

<400> 127

Thr Ile Lys Gly Leu Arg Pro Gly Val Val Tyr Glu Gly Gln  
 1 5 10

<210> 128  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Tenascin (chick) [Swiss-prot: P10039]: FGFR binding motif

<400> 128

Thr Leu Thr Glu Leu Ser Pro Ser Thr Gln Tyr Thr Val Lys  
 1 5 10

<210> 129  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>

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<223> Ephrin type A receptor2 [Swiss-prot: Q8N3Z2]: FGFR binding motif

<400> 129

Thr Leu Asp Asp Leu Ala Pro Asp Thr Thr Tyr Leu Val Gln  
 1 5 10

<210> 130  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> LAR [Swiss-prot Q9VIS8]: FGFR binding motif

<400> 130

Thr Val Ser Asp Val Thr Pro His Ala Ile Tyr Thr Val Arg  
 1 5 10

<210> 131  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> RTK (Tie-1,hu) [Swiss-prot P35590]: FGFR binding motif

<400> 131

Ile Ile Arg Gly Leu Asn Ala Ser Thr Arg Tyr Leu Phe Arg  
 1 5 10

<210> 132  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> RTK (Tie-1,hu) [Swiss-prot P35590]: FGFR binding motif

<400> 132

Thr Leu Met Asn Leu Arg Pro Lys Thr Gly Tyr Ser Val Arg  
 1 5 10

<210> 133  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Consensus sequence (conserved domain database) : FGFR binding motif

<400> 133

Thr Leu Thr Gly Leu Lys Pro Gly Thr Glu Tyr Glu Val Arg  
 1 5 10

<210> 134

<211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> The beta-common cytokine receptor of IL-3, IL-5 and GmCsf  
 [Swiss-prot P32927]: FGFR binding motif

<400> 134

Gly Pro Glu His Leu Met Pro Ser Ser Thr Tyr Val Ala Arg  
 1 5 10

<210> 135  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Unc-22 (C. Elegance) [Swiss-prot: Q23550]: FGFR binding motif

<400> 135

Arg Val Thr Gly Leu Thr Pro Lys Lys Thr Tyr Glu Phe Arg  
 1 5 10

<210> 136  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Consensus sequence (conserved domain database): FGFR binding  
 motif

<400> 136

Thr Leu Thr Gly Leu Lys Pro Gly Thr Glu Tyr Glu Phe Arg  
 1 5 10

<210> 137  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Consensus sequence (conserved domain database):FGFR binding motif

<400> 137

Glu Val Arg Val Gln Ala Val Asn Gly Gly Gly Asn Gly Pro Pro  
 1 5 10 15

<210> 138  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Drosophila Neuroglial [Swiss-prot: P20241]: FGFR binding motif

<400> 138

Leu Ile Lys Val Val Ala Ile Asn Asp Arg Gly Glu  
 1 5 10

<210> 139  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Fibronectin (mouse) [Swiss-prot: P11276]: FGFR binding motif

<400> 139

Val Val Ser Ile Ile Ala Val Asn Gly Arg Gly Glu  
 1 5 10

<210> 140  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Fibronectin (bovine) [Swiss-prot: P07589]: FGFR binding motif

<400> 140

Val Val Ser Val Tyr Ala Gln Asn Gln Asn Gly Glu  
 1 5 10

<210> 141  
 <211> 12  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Tenascin (chick) [Swiss-prot: Q90995]: FGFR binding motif

<400> 141

Thr Ile Ser Leu Val Ala Glu Lys Gly Arg His Lys  
 1 5 10

<210> 142  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> L1 (human, F3,EFL) [Swiss-prot: P32004]: FGFR binding motif

<400> 142

His Leu Glu Val Gln Ala Phe Asn Gly Arg Gly Ser Gly Pro Ala  
 1 5 10 15

<210> 143  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence



<220>  
 <223> L1 (mouse, F3,EFL) [Swiss-prot: P11627]: FGFR binding motif

<400> 143

His Val Glu Val Gln Ala Phe Asn Gly Arg Gly Leu Gly Pro Ala  
 1 5 10 15

<210> 144  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> L1 (rat, F3,EFL) [Swiss-prot: Q05695]: FGFR binding motif

<400> 144

His Val Glu Val Gln Ala Phe Asn Gly Arg Gly Leu Gly Pro Ala  
 1 5 10 15

<210> 145  
 <211> 13  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Consensus sequence (conserved domain database): FGFR binding motif

<400> 145

Glu Phe Arg Val Arg Ala Val Asn Gly Ala Gly Glu Gly  
 1 5 10

<210> 146  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> The beta-common cytokine receptor of IL-3, IL-5 and GM-CSF [Swiss-prot: P32927]: FGFR binding motif

<400> 146

Val Ala Arg Val Arg Thr Arg Leu Ala Pro Gly Ser Arg Leu Ser  
 1 5 10 15

<210> 147  
 <211> 14  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Ala substituted peptide 1

<400> 147

Glu Val Ala Val Ala Glu Asn Gln Gln Gly Ala Ser Ala Ala  
 1 5 10

<210> 148  
 <211> 15  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Ala substituted peptide 2

<400> 148

Glu Val Tyr Val Val Ala Glu Asn Ala Ala Gly Lys Ser Lys Ala  
 1 5 10 15

<210> 149  
 <211> 7  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Truncated Ala substituted peptide 1

<400> 149

Ala Ala Asn Gln Gln Gly Lys  
 1 5

<210> 150  
 <211> 7  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Truncated Ala substituted peptide 2

<400> 150

Ala Glu Ala Gln Gln Gly Lys  
 1 5

<210> 151  
 <211> 7  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Truncated Ala substituted peptide 3

<400> 151

Ala Glu Asn Ala Gln Gly Lys  
 1 5

<210> 152  
 <211> 7  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> Truncated Ala substituted peptide 4

<400> 152

Ala Glu Asn Gln Ala Gly Lys  
1 5

<210> 153  
<211> 7  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Truncated Ala substituted peptide 5  
<400> 153

Ala Glu Asn Gln Gln Ala Lys  
1 5

<210> 154  
<211> 7  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Truncated Ala substituted peptide 6  
<400> 154

Ala Glu Asn Gln Gln Gly Ala  
1 5

<210> 155  
<211> 7  
<212> PRT  
<213> Artificial sequence

<220>  
<223> FGF2 heptamer  
<400> 155

Ala Met Lys Glu Asp Gly Arg  
1 5

<210> 156  
<211> 7  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Ala substituted FGF2 heptamer 1  
<400> 156

Ala Ala Lys Glu Asp Gly Arg  
1 5

<210> 157  
<211> 7  
<212> PRT  
<213> Artificial sequence

&lt;220&gt;

&lt;223&gt; Ala substituted FGF2 heptamer 2

&lt;400&gt; 157

Ala Met Ala Glu Asp Gly Arg

1

5

&lt;210&gt; 158

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Ala substituted FGF2 heptamer 3

&lt;400&gt; 158

Ala Met Lys Ala Asp Gly Arg

1

5

&lt;210&gt; 159

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Ala substituted FGF2 heptamer 4

&lt;400&gt; 159

Ala Met Lys Glu Ala Gly Arg

1

5

&lt;210&gt; 160

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Ala substituted FGF2 heptamer 5

&lt;400&gt; 160

Ala Met Lys Glu Asp Ala Arg

1

5

&lt;210&gt; 161

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Ala substituted FGF2 heptamer 6

&lt;400&gt; 161

Ala Met Lys Glu Asp Gly Ala

1

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